CS2190

Cordless Laser Scanner

1D

TÜV Rheinland® · FC · CE · RoHS · GS1 · USB · RS-232 · PS/2 · 433MHz

Features

- Stylish and ergonomic design, small base saves installation space
- Read all common 1D barcodes from paper labels
- Working range reaches up to 100 meters
- Support point-to-point and multi-point data transmission
- Support batch mode capability (3,000 EAN-13 barcodes)
- Built-in rechargeable & replaceable battery, one full charge supports scanning for 21 hours
- Brand-new, easy wireless communication setting method guarantees convenient operation
- Support vibration mode, ideal for both noisy and quiet environment

CS2190 Specifications

Communication Characteristics	
Working Range	100 meters (open air)
Radio Link	430.0 ~ 431.9 MHz , 433.3 ~ 434.7 MHz with adaptive frequency hopping

Mechanical Characteristics	
Dimensions (L × W × D)	Handheld unit: 90.2 mm × 70 mm × 180 mm; Cradle: 118 mm × 89.5 mm × 74 mm
Weight	Handheld unit: 207 g; Cradle: 140 g (without cable)
Indicator	Handheld unit: LED, beeper, vibration; Cradle: LED
Programming Method	Manual (reading special barcode)
Firmware Upgrade	Using Flash Utility software, while a cradle is required.
Interface	USB Keyboard, USB Virtual COM, RS232, PS/2 Keyboard

Electrical Characteristics	
Input Voltage	DC 5 ± 0.25 V
Current	Handheld unit: 4 mA (standby), 150 mA (working) Cradle: 60 mA (working), 500 mA (charging, maximum)
Battery	1400 mAh Lithium-ion battery
Charge Time	4 hours
Standby Time	5 days
Operating Time	21 hours (1 scan per 5 seconds)

Performance Characteristics	
Light Source	650 nm visible laser diode
Decoding Rate	200 times per second
Scanning Angle	±60°, ±65°, ±42° (skew, pitch, roll)
Print Contrast	20% minimum reflection difference
Minimum Resolution	3 mil
Decoding Capability	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 DataBar (formerly RSS) variants
Decoding Depth	3 mil Code 39 (3 chars): 20 - 70 mm 5 mil Code 39 (3 chars): 0 - 120 mm 10 mil Code 39 (3 chars): 0 - 280 mm 13 mil UPC-E (6 chars) : 0 - 350 mm 20 mil Code 39 (3 chars): 25 - 480 mm 30 mil Code 39 (2 chars): 15 - 650 mm

Environmental Characteristics	
Temperature	0° to 50°C (32° to 122°F), operating; -40° to 60°C (-40° to 140°F), storage
Humidity	5% to 95% (non-condensing)
Safety	Laser safety: EN60825-1, Class 1 | EMC: EN55022, EN55024 Electrical Safety: EN60950-1 | Sealing: IP51 Drop Resistance: Multiple 1.5 m (4.9 ft.) drops to concrete

[Notice]: Specifications are subject to change without notice.